

Aquatic Ecosystem Enhancements At A Mountaintop Mining Site



Presented January 12, 2000
Charleston, West Virginia



Aquatic Ecosystem Enhancement At A Mountaintop Mining Site

- Background / Scope of Samples Mine Project
- Structures constructed as conditions of permits
 - In-stream ponds
 - On bench structures
- Aquatic Ecosystem Enhancement Projects
 - G-Ponds
 - Abandoned Mine Land Projects
- Landform Restoration



Aquatic Ecosystems Constructed as Conditions of Permits



In-stream Ponds



On Bench Structures

Examples of in-stream ponds...





Examples of on bench structures...









Aquatic Ecosystem Enhancement...















Abandoned Mine Lands Projects...





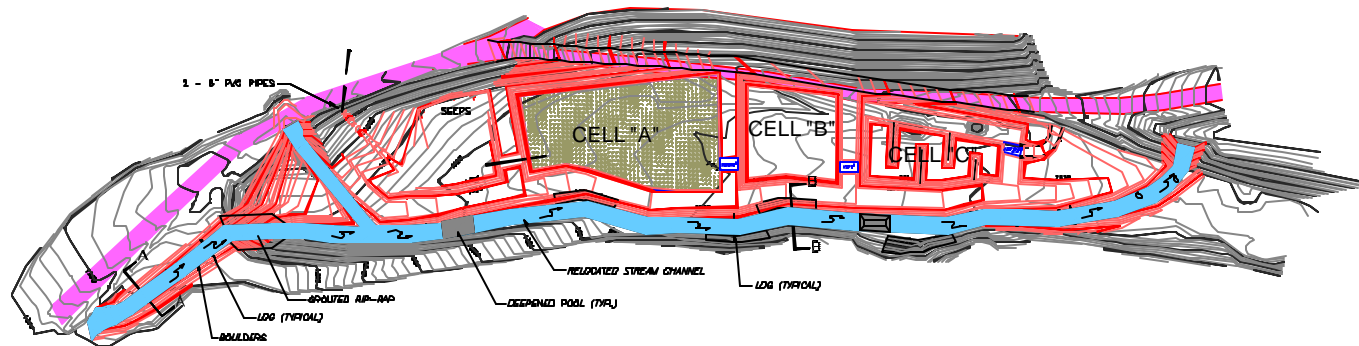




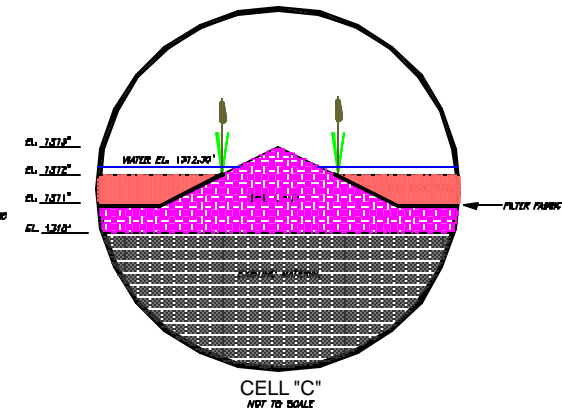
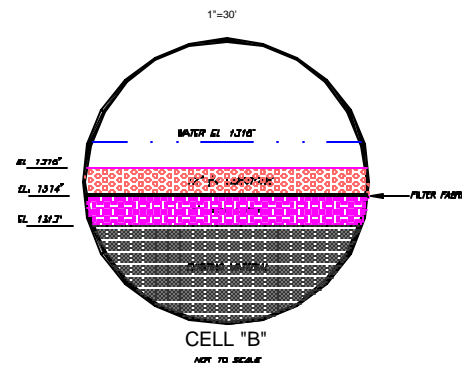
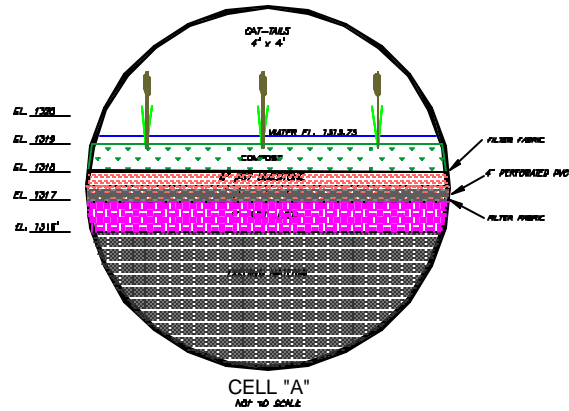
Areas of Pre- Law Mining



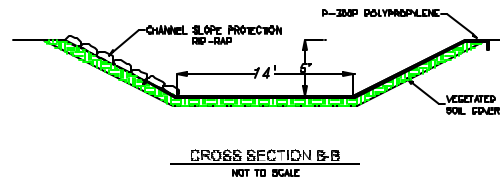
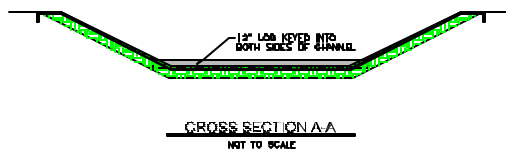
Engineering Design of Wetlands...



PLAN VIEW
1"=50'



WETLANDS DETAILS
1"=30'



STREAM CHANNEL SECTIONS
NOT TO SCALE

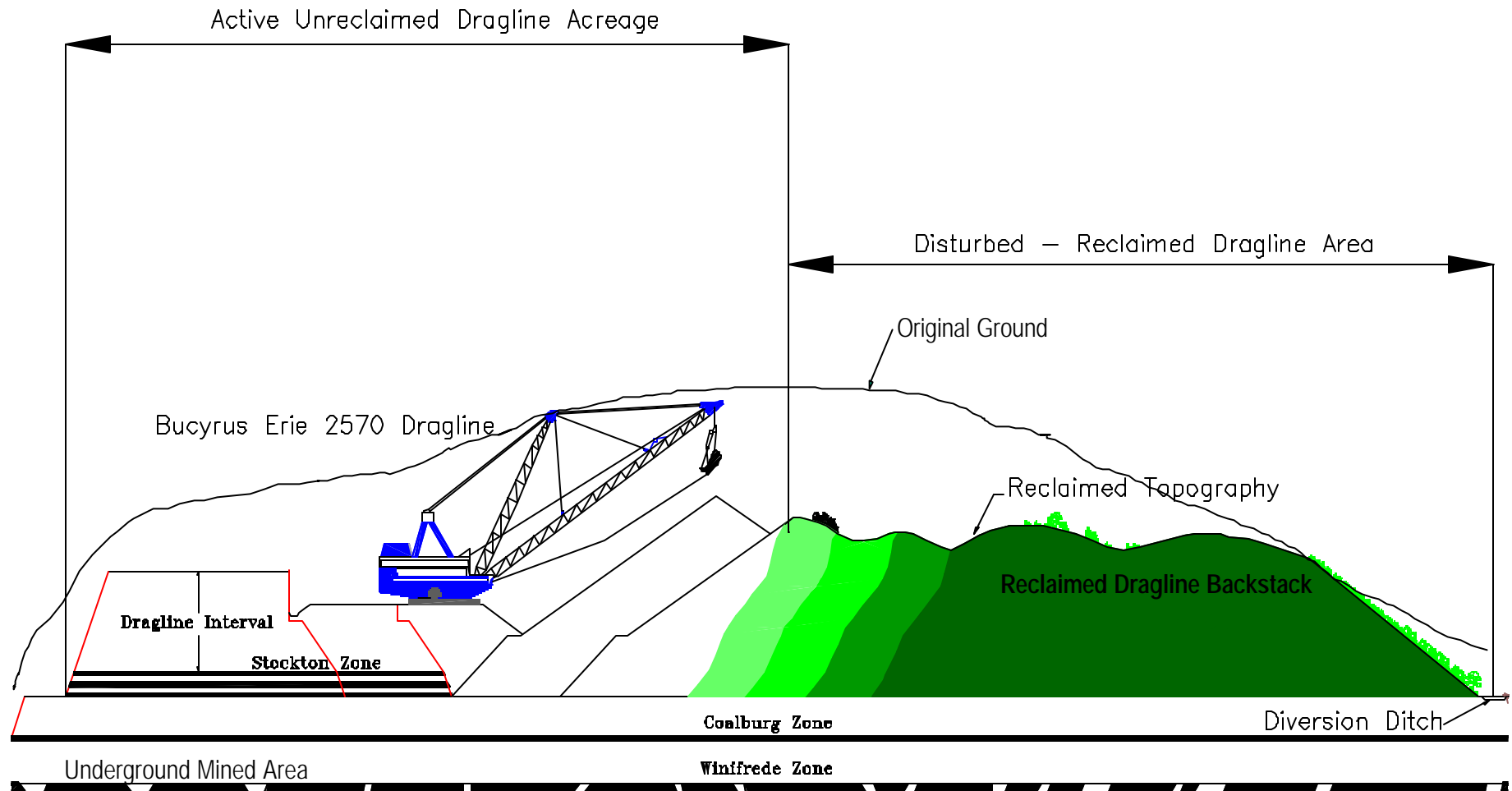


Construction of Wetlands





Land Forms Restoration...





During Mining



Reclaimed Area





Reclaimed Area





Reclaimed Area

